

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in this application:

Listing of Claims

1. (Currently Amended) A coil form ~~(1, 1.1)~~ for forming an inductive element with a core ~~(11.1, 11.2)~~ and at least two coils, including
 - a) a hollow coil body ~~(2)~~ for insertion of the core, the coil body having an outer surface
 - b) and at least one separating plate ~~(3, 3.1)~~ which surrounds the outer surface of the coil body thereby providing at least one coil area ~~(15, 15.1)~~ on the surface of the coil body, ~~characterised in that~~ wherein
 - c) the coil body is made of plastic and includes at least one recess on its outer surface for positioning and holding the at least one separating plate,
 - d) the separating plate is made of metal, having an opening ~~(4)~~ for pushing the separating plate over the coil body and having a slit ~~(5)~~ for prohibiting leakage currents within the separating plate,
 - e) the separating plate forms a winding of one of the at least two coils
 - f) and in that another coil of said at least two coils includes an insulated wire wound around the coil body in said at least one coil area, the separating plate being a side support for said wire and dissipating heat generated within the wire.
2. (Currently Amended) A coil form according to claim 1, ~~characterised in that~~ wherein the coil body includes a coil portion ~~(6)~~ of a kind of a hollow cylinder for slipping over the separating plate and a flange portion ~~(7)~~ on an end region of the coil portion.
3. (Currently Amended) A coil form according to claim 2, ~~characterised in that~~ wherein the flange portion includes a plurality of terminals ~~(9)~~ where at least one terminal is electrically conductively connectable to an end of one of the at least two coils.
4. (Currently Amended) A coil form according to ~~any of claim[[s]] 1 to 3,~~ ~~characterised in that~~ wherein a shape of the opening ~~(4)~~ of the separating plate substantially

corresponds to a shape of the outer surface of the coil body and in that an internal diameter of the separating plate is smaller than an outer diameter of the coil body.

5. (Currently Amended) A coil form according to ~~any of claim~~[[s]] 1 ~~to~~ 4, ~~characterised in that~~ wherein the coil body comprises at least two elements (20.1, 20.2) with means (21, 22) to fit the elements together to form the coil body.

6. (Currently Amended) A coil form according to claim 5, ~~characterised in that~~ wherein the coil body comprises a first and a second element (20.1, 20.2) and in that the means to fit the elements together include a recess (21) on the first element and a corresponding projection (22) on the second element.

7. (Currently Amended) A coil form according to ~~any of claim~~[[s]] 5 ~~to~~ 6, ~~characterised in that~~ wherein the coil portion is of a kind of a right cylinder, where the coil body is separated into two elements by a plane being perpendicular to a base plane of the right cylindrical coil portion.

8. (Currently Amended) An inductive element with a coil form according to any of claims 1 to 7, a core (11.1, 11.2) inserted into the hollow coil body and at least one coil, provided on the outer surface of the coil body.

9. (Currently Amended) An inductive element according to claim 8, ~~characterised in that it includes~~ further comprising a plurality of separating plates (3, 3.1), where ~~preferably~~ an isolation plate (19) is provided between two adjacent separating plates.

10. (Currently Amended) An inductive element according to ~~any of claim~~[[s]] 8 ~~to~~ 9, ~~characterised in that~~ wherein at least one winding of the at least one coil is formed by the separating plate.

11. (Currently Amended) An inductive element according to ~~any of claim~~[[s]] 8 ~~to~~ 10, ~~characterised in that~~ wherein the core (11.1, 11.2) of the inductive element has a shape of two rectangular portions with a common edge (13), where the common edge is inserted into the hollow coil body and whereby the core ~~preferably~~ includes two E-shaped parts (11.1, 11.2).

12. (Currently Amended) A coil form having a hollow coil body for insertion of a core of an inductive element and having an outer surface for holding a coil of the inductive element, ~~characterised in that~~ wherein the coil body includes at least two elements ~~(20.1, 20.2)~~ with means ~~(21, 22)~~ to fit the elements together to form the coil body.

13. (Currently Amended) A coil form according to claim 12, ~~characterised in that~~ wherein the coil body includes a first and a second element ~~(20.1, 20.2)~~ and in that the means to fit the elements together include a recess ~~(21)~~ on the first element and a corresponding projection ~~(22)~~ on the second element.

14. (Currently Amended) A coil form according to ~~any of claim~~ ~~[[s]] 12 to 13,~~ ~~characterised in that~~ wherein the coil body includes a flange portion ~~(7)~~ and a coil portion ~~(6)~~ which is of a kind of a right cylinder, where the coil body ~~(2)~~ is separated into two elements ~~(20.1, 20.2)~~ by a plane being perpendicular to a base plane of the right cylindrical coil portion.

15. (Currently Amended) A coil form according to ~~any of claim~~ ~~[[s]] 12 to 14,~~ ~~characterised in that it includes~~ further comprising an additional hollow outer coil body for insertion of the coil body and for pushing over the separating plate.